|             | Index of Claims  |          |          |          |          |   |          |           |          |          |            |       |          | Ар       | Application/Control No. |          |              |         |          |                    |           |          |          | Applicant(s)/Patent under Reexamination |                      |          |          |          |          |          |          |           |  |  |
|-------------|------------------|----------|----------|----------|----------|---|----------|-----------|----------|----------|------------|-------|----------|----------|-------------------------|----------|--------------|---------|----------|--------------------|-----------|----------|----------|---|----------------------|----------|----------|----------|----------|----------|----------|-----------|--|--|
|             |                  |          |          |          |          |   |          |           |          |          |            |       |          |          | 10/047 132              |          |              |         |          |                    |           |          |          |   |                      |          |          |          |          |          |          |           |  |  |
|             |                  |          |          |          |          |   |          |           |          |          |            |       |          |          | 10/047,132<br>Examiner  |          |              |         |          |                    |           |          |          |   | KAKU ET AL. Art Unit |          |          |          |          |          |          |           |  |  |
|             |                  |          |          |          |          |   |          |           |          |          |            |       |          |          |                         |          |              |         |          |                    |           |          |          |   |                      | 2631     |          |          |          |          |          |           |  |  |
| <del></del> |                  |          |          |          |          |   |          |           |          |          |            |       |          |          | Freshteh N. Aghdam      |          |              |         |          |                    |           |          |          |   | 2001                 |          |          |          |          |          |          |           |  |  |
|             | √ Rejected _ (TI |          |          |          |          |   |          |           |          |          |            | hrou  | ıgh n    | um       | era                     | al)      |              | N       | on.      | Elo                | ected     |          | Γ        |   | Appeal               |          |          |          |          |          |          |           |  |  |
|             |                  |          |          |          | Ļ        |   |          | Cancelled |          |          |            |       |          | Ņ        | N NOII-E                |          | ·LIC         |         |          | Ľ                  | A         | Appear   |          | _                                       |                      |          |          |          |          |          |          |           |  |  |
|             |                  | =        | Α        | Allowed  |          |   |          |           | ÷        |          | Restricted |       |          |          | 1                       |          | lr           | nter    | fere     | ence               | •         | - -      |          | o                                       | bje                  | cte      | ed :     |          |          |          |          |           |  |  |
|             |                  |          | FZ.      |          |          |   |          |           | L        |          |            |       |          |          |                         |          |              |         | <u> </u> |                    |           |          | ال       | L                                       |                      |          |          |          |          |          |          |           |  |  |
|             | Claim            |          |          |          | Date     |   |          |           |          |          |            | Claim |          |          |                         |          | Da           | ate     |          |                    | $\Box$    | Claim    |          | $\overline{+}$                          |                      | Date     |          |          |          |          |          |           |  |  |
|             | Final            | Original | 12/6     |          |          |   |          |           |          |          |            | Final | jinal    |          |                         |          |              |         |          |                    |           | Final    | Original |   |                      |          |          |          |          |          |          |           |  |  |
|             | ιĒ               | Orig     | 7        |          |          |   |          |           | ١        |          |            | 🛅     | Original |          |                         |          |              |         |          | ŀ                  | 1         | ثّا      |          | ,                                       |                      |          |          |          |          |          |          |           |  |  |
|             |                  | 1        | 1        |          |          |   |          |           |          |          |            |       | 51       |          | $\downarrow$            | $\perp$  | 上            | $\pm$   |          |                    |           |          | 10       |   |                      |          |          |          |          |          |          |           |  |  |
|             |                  | 3,       | 4        |          | $\dashv$ | - | -        | _         | -        | $\dashv$ | $\dashv$   |       | 52<br>53 | $\vdash$ | +                       | +        | +            | +       | $\vdash$ | $\dashv$           | _         | -        | 10<br>10 |   | +                    | ╀┈       | -        | Н        | Н        |          |          |           |  |  |
|             |                  | 4        | 1        |          |          |   |          |           |          |          |            |       | 54       |          | $\downarrow$            |          |              |         |          |                    | _         |          | _ 10     | 4                                       |                      |          |          |          |          |          |          |           |  |  |
|             |                  | 5        | 111      |          |          |   | -        | -         | -        |          | -          |       | 55<br>56 | H        | $\dashv$                | +        | ╁            | ╀       | $\vdash$ | $\vdash$           | $\dashv$  | $\vdash$ | 10<br>10 |   | +                    | ╀        | -        | Н        |          | $\dashv$ |          | $\dashv$  |  |  |
| ļ           |                  | 7        | 1/11     |          |          |   |          |           |          |          |            |       | 57       |          | #                       |          | 1            | 丰       |          |                    |           |          | 10       | 7                                       |                      |          |          |          |          |          |          |           |  |  |
| į           |                  | 9        | +        |          | Н        |   | $\dashv$ | $\dashv$  | -        | -        | $\dashv$   | -     | 58<br>59 | $\vdash$ | _                       | +        | +            | ╁       | $\vdash$ | Н                  | -         | $\vdash$ | 10<br>10 |   | +                    | ╁        | ┢        | H        | Н        | Н        | $\dashv$ | ᅱ         |  |  |
| Ì           |                  | 10       |          |          |          |   |          |           |          |          |            |       | 60       |          |                         |          | 1            | 丰       |          |                    | $\exists$ |          | _   11   | 0                                       |                      |          |          |          |          |          |          |           |  |  |
| ŀ           |                  | 11<br>12 | 0 1/4    | -        |          |   |          | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$   |       | 61<br>62 | $\vdash$ | $\dashv$                | $\dashv$ | +            | ╀       | $\vdash$ | Н                  |           | $\vdash$ | 11       | 1   2                                   | +                    | ╁        | -        |          | H        | Н        | -        | -         |  |  |
|             |                  | 13       | И        |          |          |   |          |           |          |          |            |       | 63       |          |                         |          |              |         |          |                    |           |          | 11       | 3                                       |                      |          |          |          |          |          |          |           |  |  |
| -           |                  | 14       | N        | _        |          |   |          | $\dashv$  | $\dashv$ | _        | $\dashv$   |       | 64<br>65 | $\vdash$ | +                       | +        | +            | +       |          | $\vdash$           | _         | $\vdash$ | 11       | 4  <br>5                                | +                    | $\vdash$ | <u> </u> |          |          | Н        | $\dashv$ | $\dashv$  |  |  |
|             |                  | 16       |          |          |          |   |          |           |          |          |            |       | 66       |          | Ì                       | #        | İ            |         |          |                    |           |          | 11       | 6                                       |                      |          |          |          |          |          |          | コ         |  |  |
| ļ           |                  | 17<br>18 |          |          | _        |   |          | _         | $\dashv$ | $\dashv$ | $\dashv$   | -     | 67<br>68 | $\dashv$ | $\dashv$                | +        | +            | +       | $\vdash$ | $\vdash$           | $\dashv$  | ļ        | 11       |   |                      | ╀        |          | _        |          | -        |          | $\dashv$  |  |  |
| į           |                  | 19       |          |          |          |   |          |           |          |          |            |       | 69       |          |                         | 1        |              |         |          |                    | I         |          | 11       | 9                                       |                      |          |          |          |          |          |          | $\exists$ |  |  |
|             |                  | 20<br>21 | -        |          |          |   | $\dashv$ | _         | $\dashv$ | $\dashv$ | -          |       | 70<br>71 |          | $\dashv$                | +        | +            | +       | ├-       |                    | $\dashv$  | $\vdash$ | 12       | <u>0  </u>                              | +                    | ╁        | ├        |          |          | $\vdash$ | $\vdash$ | $\dashv$  |  |  |
|             |                  | 22       |          |          |          |   |          |           |          |          |            |       | 72       |          |                         |          |              |         |          |                    |           |          | 12       | 2                                       |                      |          |          |          |          |          |          | ╛         |  |  |
|             |                  | 23       | ├        | H        | _        | - | -        | _         | $\dashv$ | $\dashv$ |            | -     | 73<br>74 |          | $\dashv$                |          | -            | -       |          | H                  | -         | $\vdash$ | 12       |   |                      | -        | ╁        | Н        | $\vdash$ |          | $\vdash$ | $\dashv$  |  |  |
|             |                  | 25       |          |          |          |   |          |           |          |          |            |       | 75       |          | $\exists$               |          |              |         |          |                    |           |          | 12       | 5                                       |                      |          |          |          |          |          |          | コ         |  |  |
|             |                  | 26<br>27 | $\vdash$ |          |          |   |          |           |          |          | $\dashv$   |       | 76<br>77 | $\vdash$ | $\dashv$                | +        | +            | +       | $\vdash$ | Н                  | $\dashv$  | -        | 12<br>12 | <u>6  </u>                              | +                    | +        | $\vdash$ | $\vdash$ | _        | -        | $\vdash$ | ᅱ         |  |  |
|             |                  | 28       |          |          |          |   |          |           |          |          |            |       | 78       |          |                         |          |              |         |          |                    |           |          | 12       | 8                                       |                      |          |          |          |          |          |          |           |  |  |
|             |                  | 29<br>30 |          |          |          | _ |          |           | $\dashv$ |          | $\dashv$   |       | 79<br>80 |          | -                       | +        | +            | ╁       | -        | $\vdash$           | $\dashv$  | $\vdash$ | 12       |   | +                    | ╁        | ├        |          |          | Н        | Н        | $\dashv$  |  |  |
|             |                  | 31       |          |          |          |   |          |           |          |          |            |       | 81       |          |                         | $\perp$  | $^{\dagger}$ |         |          |                    |           |          | 13       | 1                                       |                      | Ŀ        |          |          |          |          |          |           |  |  |
| i           |                  | 32<br>33 | ┝        | $\vdash$ |          | - | $\dashv$ | _         |          |          | $\dashv$   |       | 82<br>83 |          | $\dashv$                | +        | +            | ╀       | -        | $\left  - \right $ | $\dashv$  | -        | 13       |   |                      | +-       | -        |          | H        | $\vdash$ | Н        |           |  |  |
|             |                  | 34       |          |          |          |   |          |           |          |          |            |       | 84       |          |                         |          | 士            |         |          |                    |           |          | 13       | 4                                       |                      |          |          |          |          |          |          |           |  |  |
|             |                  | 35<br>36 | -        | L        |          | _ |          |           |          | -        | $\dashv$   |       | 85<br>86 |          | +                       | +        | +            | +       | ├        | Н                  | $\dashv$  | $\vdash$ | 13<br>13 |   | +                    | +        | -        | -        |          | L        | Н        | $\dashv$  |  |  |
|             |                  | 37       |          |          |          |   |          | _         |          |          |            |       | 87       |          |                         |          |              |         |          |                    |           |          | 13       | 7                                       |                      |          |          |          |          |          |          |           |  |  |
|             |                  | 38<br>39 | ╄-       |          | _        |   |          |           |          |          | $\vdash$   | -     | 88<br>89 | $\vdash$ | $\dashv$                | +        | +            | +       | $\vdash$ | Н                  | $\dashv$  | -        | 13       |   | -                    | +-       | ┝        | -        | _        |          | $\vdash$ | _         |  |  |
|             |                  | 40       |          |          |          |   |          |           |          |          |            |       | 90       |          |                         |          |              |         | Ľ        |                    | コ         |          | 14       | 0                                       |                      | $\perp$  |          |          |          |          |          |           |  |  |
|             |                  | 41       | -        |          |          |   |          |           | _        |          |            | -     | 91<br>92 | H        | 4                       | -        | +            | +       | +        | H                  | $\dashv$  | -        | 14       |   | +                    | ╁        | -        |          | L        |          | Н        | $\dashv$  |  |  |
|             |                  | 43       |          |          |          |   |          |           |          |          |            |       | 93       |          | 士                       |          | $\pm$        | $\pm$   |          |                    |           |          | 14       | 3                                       | 士                    | $\perp$  | <u> </u> |          |          |          |          |           |  |  |
|             |                  | 44<br>45 | F        |          |          |   |          |           |          |          | $\Box$     |       | 94<br>95 |          |                         | $\perp$  | +            | +       | $\vdash$ | $\square$          | 4         |          | 14       |   | +                    | +        | -        |          | -        | $\vdash$ | $\vdash$ | $\dashv$  |  |  |
|             |                  | 46       | $\vdash$ |          |          |   |          |           |          |          |            |       | 96       |          |                         | 士        | 士            | 士       |          |                    |           |          | 14       | 6                                       | $\pm$                | 士        |          |          |          |          |          |           |  |  |
|             |                  | 47       | $\vdash$ |          | П        |   |          |           |          |          |            |       | 97<br>98 | П        | $\dashv$                | 4        | $\perp$      | $\Box$  | F        | П                  | 7         | F        | 14       |   | $\bot$               | +        | $\vdash$ |          | _        |          | $\Box$   | $\dashv$  |  |  |
|             |                  | 48<br>49 | $\perp$  |          |          |   |          |           |          | Н        |            |       | 99       |          | _                       | $\pm$    | $\pm$        | 士       |          |                    | $\exists$ |          | 14       | 9                                       |                      |          |          |          |          |          |          |           |  |  |
|             |                  | 50       |          |          |          |   |          |           |          |          |            |       | 100      |          | $\Box$                  | $\Box$   | Ι            | $\perp$ |          |                    |           |          | 15       | 0                                       |                      |          | <u> </u> |          |          |          |          |           |  |  |
|             |                  |          |          |          |          |   |          |           |          |          |            |       |          |          |                         |          |              |         |          |                    |           |          |          |   |                      |          |          |          |          |          |          |           |  |  |

Application/Control No.